REMARKS

Claims 1-6, 8-12, and 15-22 are pending in the application. Claims 1-6, 8-12, and 18-21 have been amended hereby. Claims 7, 13, 14, and 23-28 have been cancelled, without prejudice or disclaimer. Claims 1-6 are in independent form. Favorable reconsideration is requested.

Applicants gratefully acknowledge the Examiner's finding allowable subject matter in Claims 1-22, and that they would be allowable if amended to overcome the Section 112 rejection.

Reconsideration is respectfully requested of the objection to Claims 1-22, and of the rejection of Claims 1-22 under 35 U.S.C. §112, second paragraph, as being indefinite.

The pending claims in the application have been amended to clarify all the issues raised in the Office Action in paragraph 6.

Further, Claim 3 has been amended to clarify that, as shown in Fig. 4 and others, the sum is the past inner products being integrated (= "an integrated value"), in which each of the past inner products is the inner product of the increment vector and the compensation vector determined in advance. The embodiment of Claim 3 updates the compensation vector based on the adaptive algorithm that minimizes the expectation value which is the product of the above-mentioned integrated value and the chronologically latest deviation vector.

Similarly to the embodiment of Claim 3, in the embodiment of Claim 4, the sum is the past inner products beign integrated (= "an integrated value"), in which each of the past inner products is the inner product of the input signal and the vector signal. The embodiment of Claim 4 updates the compensation vector based on the adaptive algorithm that minimizes the expectation value which is the product of the above-mentioned integrated value and the increment vector. In other words, the inner product of the input signal and the vector signal is

used in Claim 4 instead of the inner product of an increment vector and the compensation vector used in Claim 3. Claims 3 and 4 have been further amended to clarify these features.

Moreover, to clarify the features of Claims 9 and 10, they have been further amended to define the step size μ. Support for the amendments to Claims 9 and 10 can be found in Fig. 7, and page 34, line 25 to page 35, line 6 of the application, for example.

Accordingly, it is respectfully submitted that amended independent Claims 1-6, and the claims depending therefrom, are clear and definite in their recitation of the present invention, and meet all requirements of 35 U.S.C. §112.

In view of the amendments and remarks set forth above, this application is believed to be in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Favorable reconsideration, and an early issuance of a Notice of Allowance is earnestly solicited.

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Respectfully submitted,

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